

AMENDMENTS TO THE CLAIMS:

Please add new claims 5-21 and amend the claims as follows:

1. (Currently Amended) A piping connector for connecting a first pipe and a second pipe,
said connector comprising:

a socket ~~in~~ having a tubular shape attached to an end of the first ~~one~~ pipe to be
connected;

a plug ~~in~~ having a tubular shape attached to an end of the second ~~other~~ pipe;

a seal ring arranged at an inner periphery of the socket for sealing an interval between
the inner periphery of the socket and an outer periphery of the plug in an airtight manner; and

a hold ring fixedly attached to the inner periphery of the socket for restricting the seal
ring from moving in an axial direction, ~~wherein:~~

wherein the ~~pair of pipes~~ first pipe and the second pipe are connected by inserting the
plug to fit to the socket; and

wherein the hold ring includes a groove, having ~~in~~ a ring-like shape for constituting a
burr storing space, at an outer periphery ~~thereof and is~~ of the holding ring, the holding ring
being welded to the inner periphery of the socket by ultrasonic welding.

2. (Original) The piping connector according to Claim 1, wherein in the ultrasonic
welding, a portion of the hold ring pressed to the inner periphery of the socket is constituted
by a corner portion faced in a curved shape having a radius of curvature of 0.2 through
0.5mm.

3. (Currently Amended) The piping connector according to Claim 1, wherein the inner

periphery of the socket is provided with a first diameter contracted portion and a second diameter contracted portion from a side of an inserting port of the plug, the hold ring is pressed to the first diameter contracted portion to weld, and a stepped portion for constituting a stopper and a burr stopper in welding the hold ring is formed between the first diameter contracted portion and the second diameter contracted portion.

4. (Canceled)

5. (New) The piping connector according to Claim 1, wherein a portion of the hold ring pressed to the inner periphery of the socket includes a corner portion having a curved shape with a radius of curvature of 0.2 through 0.5mm.

6. (New) The piping connector according to Claim 1, wherein the inner periphery of the socket comprises:

a first diameter contracted portion;

a second diameter contracted portion; and

a stepped portion formed between the first diameter contracted portion and the second diameter contracted portion.

7. (New) The piping connector according to Claim 1, wherein said groove comprises a V shape.

8. (New) The piping connector according to Claim 1, wherein said hold ring comprises:

a large diameter portion; and

a small diameter portion adjacent to the small diameter portion.

9. (New) The piping connector according to Claim 8, wherein said groove is formed between said large diameter portion and said small diameter portion.
10. (New) The piping connector according to Claim 8, wherein said groove is formed at an outer periphery of said large diameter portion, and said small diameter portion is formed at an end of said groove.
11. (New) The piping connector according to Claim 1, wherein said groove comprises a wall portion having a tapered shape.
12. (New) The piping connector according to Claim 8, wherein said groove comprises a wall portion having a tapered shape extending from a bottom portion of said groove to said small diameter portion.
13. (New) The piping connector according to Claim 1, wherein a portion of the hold ring pressed to the inner periphery of the socket includes a corner portion having a curved shape with a radius of curvature sufficient to disperse vibration energy generated by said ultrasonic welding.
14. (New) The piping connector according to Claim 8, wherein said large diameter portion comprises an outer diameter substantially matched to an inner periphery of an inner portion of said socket.

15. (New) The piping connector according to Claim 8, wherein said small diameter portion comprises an outer diameter substantially matched to an inner periphery of an inner portion of said socket.

16. (New) The piping connector according to Claim 1, further comprising a stopper member mounted on said socket.

17. (New) The piping connector according to Claim 16, wherein said stopper member comprises a bent wire member.

18. (New) The piping connector according to Claim 1, wherein said plug comprises a position projection formed on an outer periphery of said plug.

19. (New) The piping connector according to Claim 1, wherein said socket comprises a position projection formed on an outer periphery of said socket.

20. (New) A piping connector for connecting a first pipe to a second pipe, said piping connector comprising:

- a socket attached to an end of the first pipe;

- a plug attached to an end of the second pipe; and

- a hold ring fixedly attached to an inner periphery of the socket,

wherein said hold ring includes a groove at an outer periphery of the holding ring.

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21. (New) A piping connector for connecting a first pipe to a second pipe, said piping connector comprising:

first connecting means attached to an end of the first pipe;

second connecting means attached to an end of the second pipe; and

holding means attached to an inner periphery of one of said first connecting means and said second connecting means.